

ABSTRACT OF THE DISCLOSURE

In a vapor compression refrigeration system, an evaporator and a gas-liquid separator are received in a common casing, so that the gas-liquid separator and the evaporator are placed close to each other. Thus, it is possible to limit heat absorption of the liquid phase refrigerant from the atmosphere to reduce the heat loss upon discharge of the refrigerant from the gas-liquid separator. Also, it is possible to reduce pressure loss in a refrigerant passage between the gas-liquid separator and the evaporator.